2nd and Final Bill.

M. A. R. 57 (Rule 116)
Measurement Book

No. E 585901

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to roads and drains and other developmental works in Attur Ward-No.03 under Road development head in Chief minister Navanagarothana of Yelahanka division. (Package-02)						
	Job Code No : 003-20-000086						
	Est Cost : Rs= 140.00 Cr.						
	Name of Agency : Sri. M.S. Venkatesh, M/s. MSV Constructions Company.						
	Work order No : BBMP/EE/YNK/D/EPMT-12/W.O./14/2020-21 Dtd: 14.05.2020						
	Measurement recorded on : 13.12.2021.						

M. A. R. 57 (Rule 116) No. E 585902
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No: 2	KSRRB 300-49. Scarifying Bituminous Course 50mm to 75mm thick along with premix carpet & Surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labours charges complete as per Specification. MORTH 5th chapter 3						
	Total qty				=	28672.40	Sqm.
	qty recorded in First and part bill vide Pg No. 114859/2 of MB No. 1149				=	28672.40	" — "
	Balance qty claimed in this Bill				=	0.00	Sqm

M. A. R. 57 (Rule 116) No. E
Measurement Book

585903

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	density as given in the table 300-2 for embankment / subgrade including HOM Construction, labour etc Complete as per Specification. MORTH Specification No. 305.34.						
	Total Qty					= 52084.45	Sqm.
	Qty claimed / recorded in First and part bill Vide pg ? No. 114860/2 of MB No. 1149					= 50943.64	" — "
	Balance Qty claimed in this Bill					= 1129.61	Sqm
						@TR 25.60	= 28918.02/-

M. A. R. 57 (Rule 116) No. E 585904
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:6	KSRRB M300-19 Removal of unserviceable Soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 Complete as per Specifications. MORTH Specification No. 301.						
	Total Qty					= 14107.40	Cum.
	Qty recorded in first and part bill Vide pg No. 114861 of MB No. 1149.					12730.31	Cum.
						= 1375.69	Cum
	Balance Qty claimed in this Bill.				@TR =	36.73	= 50528.97/-

M. A. R. 57 (Rule 116) No. E 585905
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No.8	KSRRB M400-17: Providing, laying, spreading and Compacting Crushed stone aggregates of granite/trap/basalt to wet mix macadam specifications including Pre mixing the materials with water at OMC in mechanical mix plant of Carriage of mixed materials by tippers to site, laying in uniform layers with paver in sub-base/base Course ...etc Complete as per Specifications.						
	Total Qty					= 13802.91 Cum	
	Qty claimed in first and part bill Vide pg No. 114861/2 of MB No. 1149					12569.41 cum	
	Balance qty claimed in This Bill					= 1233.21 Cum	
						@TR 2101.34	= 2591402.96/-

M. A. R. 57 (Rule 116) No. E 585906
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:10	KSRRB M500-6: Providing and applying primer emulsion on prepared surface of granular base such as WMM including cleaning of roads surface and spraying primer at the rate of 0.60 kg per sqm using mechanical means complete as per specifications. MORTH Specification No. 502.						
	Total Qty				=	51544.63	Sqm.
	Qty recorded in first and past bill Vide Pg No. 114862/2 of this MB.				=	48774.08	Sqm.
	Balance Qty claimed in this Bill				=	2769.92	Sqm.

M. A. R. 57 (Rule 116) No. E 585907
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No.18	KSRRB M500-17: Providing and laying dense graded bituminous macadam using Crushed aggregates of Specified grading, premixed with VG-30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade, level and alligment, rolling with Smooth wheeled, Vibratory and tandom rollers to achieve the desired Compaction as per MORTH table 500-10 Complete in all respects Complete as per Specifications. MORTH Specification No. 507. using 100/120 TPH Capacity HMP with Sensor paver Gr- II (50mm to 75mm) with 4.5% VG-30 Bitumen.						
	Total Qty				=	2633.14	Cum.

M. A. R. 57 (Rule 116) No. E 585908
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty recorded in first and part bill recorded Pg No. 114863/2 of MB No. 11479 Balance Qty claimed in this Bill					= 2236.42 = 189.00 @TR 9134.39	Cum. Cum. = 1726399.71/-
Item No: 11	Providing and Constructing dry lean Cement Concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal Coarse aggregates at 0.86 cum and fine aggregates @ 0.58 cum over a prepared Sub-base, Coarse						

M. A. R. 57 (Rule 116) No. E 585910
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to Specifications of Category A of MORTH Circulars No. RW/NH/33023/10-97-DO III Dt 11.06.1997 .... Complete as per Specifications.						
	Total Qty					= 2999.00	Nos
	Qty claimed in first and part bill Vide pg No? of MB No. 1149 11485 5/2					= 2721.00	Nos
	Balance Qty claimed in this bill					= 278.00	Nos
						@ TR 375.08	= 104272.24/-

M. A. R. 57 (Rule 116) No. E 585911
Measurement Book

...al No. .....
...me of work ..... From ..... To .....
...me of Contractor of nature of Agency.....
...te of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10-18	KSRB 15-19.1: Providing and applying ready mix priming Coat over Concrete/ Masonry/ Asbestos Cement sheet/ Plastered Surface including preparing the Surface after thoroughly cleaning of oil greese dist and other foreign matter and sand papering including cost of all materials, labours Complete as per specifications.					0.00	Sqm.
					@TR	41.18	= 0.00/-

M. A. R. 57 (Rule 116) No. E 585912
Measurement Book

...g No. .....
...e of work ..... From ..... To .....
...e of Contractor of nature of Agency.....
...e of commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
2012 For full back ground of blue colour & white lettered and fixed over 4mm thick aluminium composite material sheet having minimum 0.5mm thick alluminium skin on both side with back side painted gray colour and fixed over support frame SS Angle 15mm x 20mm x 1.2mm complete as per direction of engineer-in-charge.					0.00 Sqm. ✓	
					@TR 14799.56 = 0.00/- ✓	

M. A. R. 57 (Rule 116) No. E
Measurement Book

585913

...al No. .....

...e of work ..... From ..... To .....

...e of Contractor of nature of Agency .....

...te of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	at 300 kgs with 20mm and down size granite metal at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted, for walls and bottom including Centering, Shuttering, Cost of materials, HOM of machinery, curing etc Complete as per specifications.					0.00 Cum.	Coarse aggregates
						@ TR 7637.41 = 0.00/-	

M. A. R. 57 (Rule 116) No. E 585914
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	KSRRB M2900-1: Plain Cement Concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and Compacted by Vibration including curing including Cost of materials, labour, HOM Completed as per specifications.						
	Total Qty					= 129.10	cum
	Qty recorded in first and part bill Vide pg No. 2 of MB No. 11868					= 53.25	cum
	Balance Qty Claimed in this Bill					= 75.71	cum.
					@TR	4703.54	= 356112.07/-

M. A. R. 57 (Rule 116) No. E 585915
Measurement Book

Serial No .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No: 27	Removing and resetting of Kerb stones.					0.00	m.
					@TR	110.19	= 0.00/-
Item No: 28	KSRRB 800-1. Painting two coats after filling paint in approved shades on new plastered Concrete surface with materials labour Complete as per specifications.						Surface with Synthetic enamel surface with
	Total qty				=	862.88	Sqm.
	Qty recorded in first and part bill Vide pg No. 114868/2 of this MB.				=	0.00	" — "

M. A. R. 57 (Rule 116) No. E 585917
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					@TR	144.69	= 203013.92/-
Item NO:32	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for Rcc work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire, and anchoring to the adjoining members wherever necessary Completed as per design and Specification.						
	Total qty				=	5.45	tonnes
	Qty claimed in first and Part bill vide pg No. 114878 of MB No. 1149					1.40	"——"

M. A. R. 57 (Rule 116) **No. E** 585919
Measurement Book

Serial No .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Balance qty claimed in this bill				=	142.65	Sqm.
					@TR	5688.90	= 811521.59/-
Item No 36	Removing and resetting of stone slabs of drains and pointing in cm 1:3.						
	Total qty				=	291.24	Sqm.
	Qty claimed in first and part bill Vide pg? No. 114871/2 of MB No. 1149				=	0.00	" — "

M. A. R. 57 (Rule 116) No. E 585920
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:38	KSRRB M200-26 Dismantling Kerb stones by manual means and disposal of dismantled materials with all lifts and Complete as per specification. MORTH Specification No.209.					0.00 m.	
					@TR	13.36 = 0.00 /-	
Item No:39	KSRRB M200-24. Dismantling of Cement Concrete pavement by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at dismantled location and disposal of dismantled						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	materials stacking materials and unserviceable materials Separate Complete as per specification. MORTH Specification No.202.						
	Total - Qty				=	412.23 cum.	
	Qty claimed in first and past bill Vide Pg? No. 114872/2 of MB No.1149				=	412.23 cum	
	Balance Qty claimed in this bill				=	0.00 cum.	
					Sub - Total	=	25222874.95/-
					Add GST charges 12%	=	3026744.99/-
					Grand Total	=	28249619.94/-

ಎಂ.ಎಸ್.ಪಿಂಕಿ ಎಸ್.ಕೆ.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ

13/12/2021.

M. A. R. 57 (Rule 116) No. E 585921
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that there are no departmental issues. 2) Certified that the work done satisfactorily. 3) Certified that the debris removed from work spot. W-03/AE						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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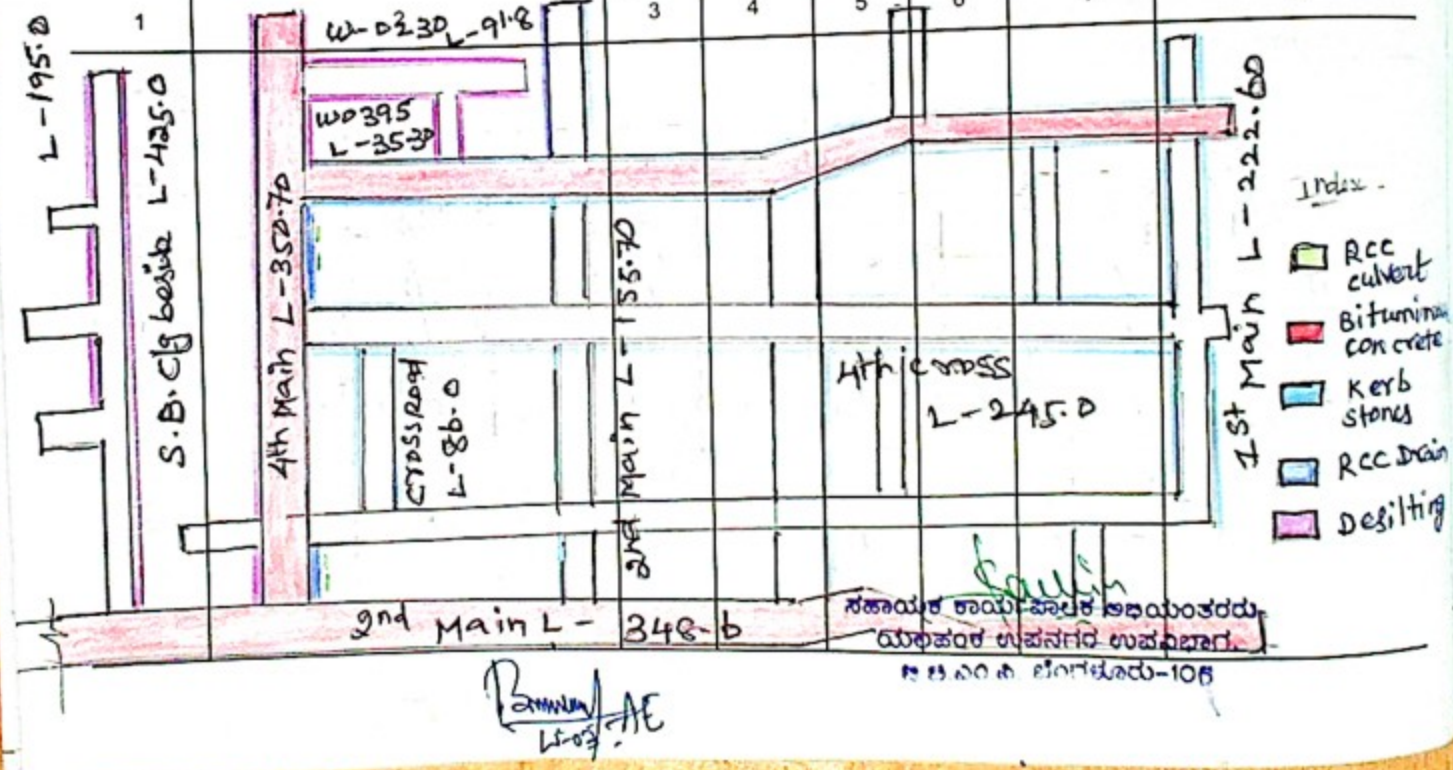
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8



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ಯಶವಂತ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-105

AE

Serial No. .....
Name of work .....
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Date of commenc

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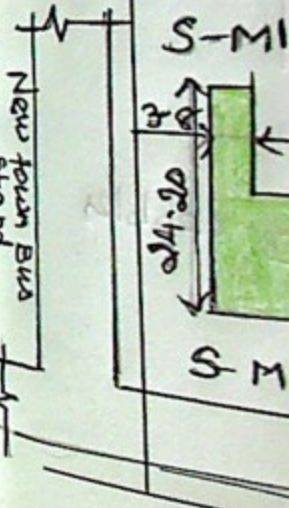


M. A. R. 57 (Rule 116) **No. E** 585922

Measurement Book

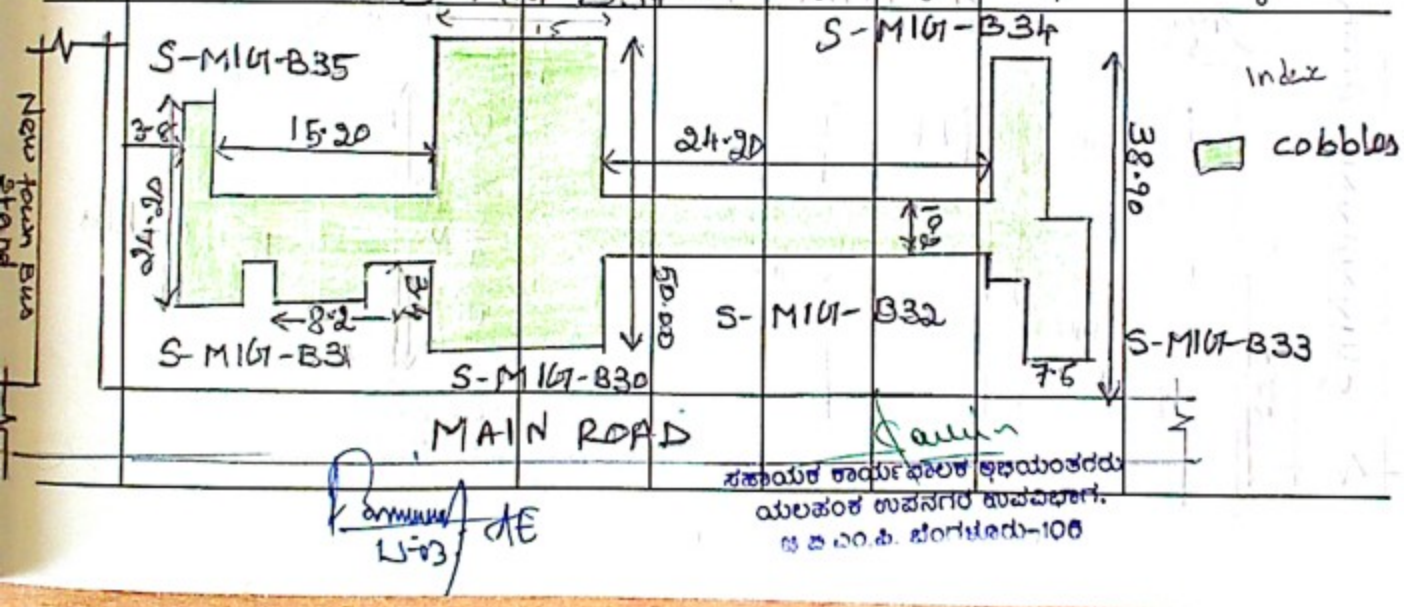
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2		4	5	6	7	8

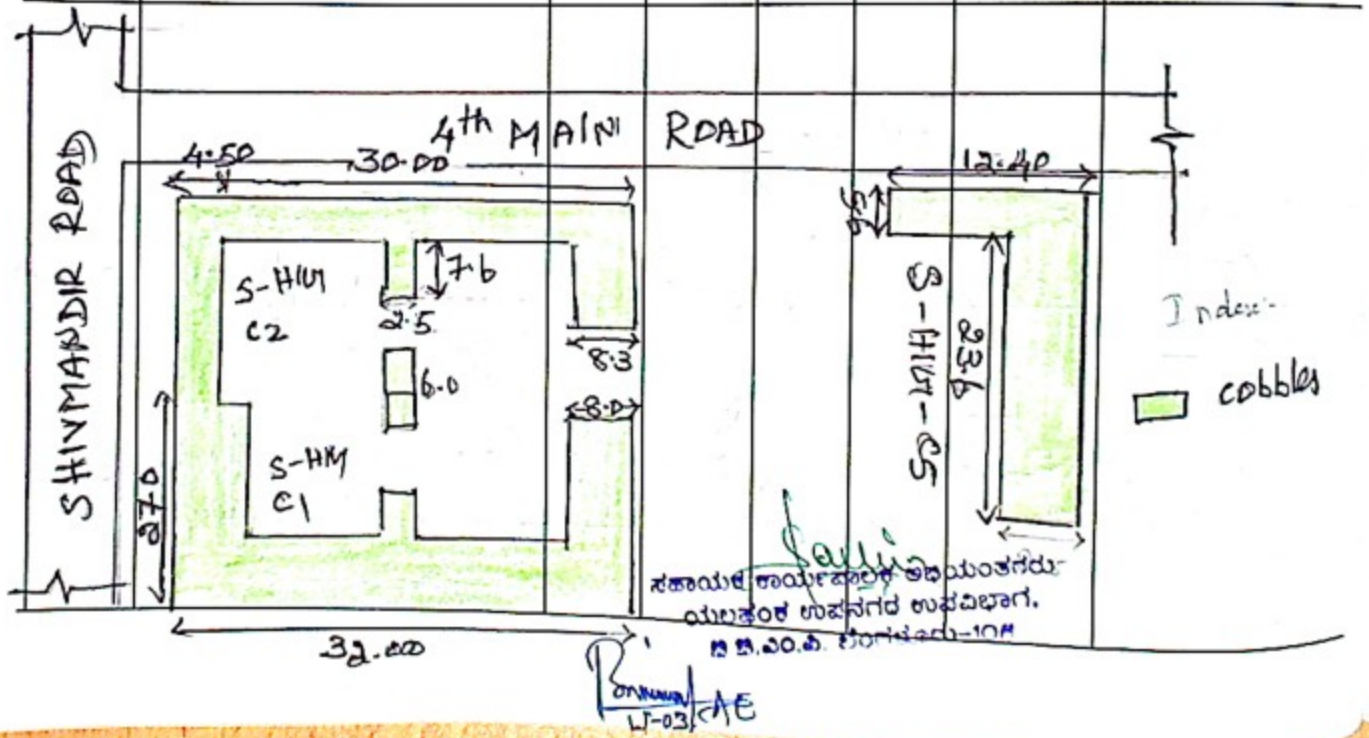


ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜ ಪ ಇ ಕ. ಬೆಂಗಳೂರು-106

AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಕಾರ್ಯವೃತ್ತ-10

LJ-03 AE

Serial No. .....
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M. A. R. 57 (Rule 116) **No. E** 585923

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	28249619=00		SBR.153/21-22				
			30/03/2022				
	252229=00						
	252229=00					28249619=00	
	564992=00						
	282496=00						
	28250=00			2657760Y=00			
	291816=00			1672012=00			
	1672012=00						
	2657760Y=00						